

Abstract

A screen achieving high contrast and high gain and a method for producing a screen, which is favorable in 5 mass-productivity, are provided.

The screen has an optical multilayer film, which has a high reflection property with respect to light in a specific wavelength region and a high transmission property with respect to at least visible light in 10 wavelength regions other than the specific wavelength region. The optical multilayer film has a stacked structure in which a first optical film (12H) having a high refractive index and a second optical film (12L) having a lower refractive index than that of said first 15 optical film are alternately stacked on both surfaces of a transparent base (11) by coating, and the outermost layer of the optical multilayer film is formed by the first optical film, the optical multilayer film being comprised of $(2n+1)$ layers (where n is an integer of 1 or 20 more).